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L7	birefringence	18050	L7
L6	optical	1433555	L6
L5	refractive adj index	132999	L5
L4	acrylate	206194	L4
L3	nano adj particle	2010	L3
L2	metal adj oxide	183687	L2
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L9: Entry 1 of 21

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030049003

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030049003 A1

TITLE: High index-contrast fiber waveguides and applications

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ahmad, Rokan U.	Medford	MA	US	
Soljacic, Marin	Somerville	MA	US	
Ibanescu, Mihai	Cambridge	MA	US	
Engeness, Torkel	Somerville	MA	US	
Skorobogatiy, Maksim	Brighton	MA	US	
Johnson, Steven G.	Cambridge	MA	US	
Weisberg, Ori	Cambridge	MA	US	
Fink, Yoel	Cambridge	MA	US	
Pressman, Lori	Cambridge	MA	US	
King, Wesley A.	Brighton	MA	US	
Anderson, Emilia	Cambridge	MA	US	
Joannopoulos, John D.	Belmont	MA	US	

US-CL-CURRENT: [385/123](#); [385/142](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
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☐ 2. Document ID: US 20030044159 A1

L9: Entry 2 of 21

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030044159

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030044159 A1

TITLE: High index-contrast fiber waveguides and applications

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Anderson, Emilia	Cambridge	MA	US	
King, Wesley A.	Brighton	MA	US	
Fink, Yoel	Cambridge	MA	US	
Pressman, Lori	Cambridge	MA	US	

US-CL-CURRENT: 385/142; 385/122, 385/123, 385/125, 385/127, 385/144, 65/435

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 20030044158 A1

L9: Entry 3 of 21

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030044158
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030044158 A1

TITLE: High index-contrast fiber waveguides and applications

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
King, Wesley A.	Brighton	MA	US	
Anderson, Emilia	Cambridge	MA	US	
Soljacic, Marin	Somerville	MA	US	
Ibanescu, Mihai	Cambridge	MA	US	
Engeness, Torkel	Somerville	MA	US	
Skorobogatiy, Maksim	Brighton	MA	US	
Johnson, Steven G.	Cambridge	MA	US	
Weisberg, Ori	Cambridge	MA	US	
Fink, Yoel	Cambridge	MA	US	
Ahmad, Rokan U.	Medford	MA	US	
Pressman, Lori	Cambridge	MA	US	

US-CL-CURRENT: 385/142; 385/123, 385/125, 385/144

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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☐ 4. Document ID: US 20030031443 A1

L9: Entry 4 of 21

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030031443
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030031443 A1

TITLE: High index-contrast fiber waveguides and applications

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Soljacic, Marin	Somerville	MA	US	
Ibanescu, Mihai	Cambridge	MA	US	
Engeness, Torkel	Somerville	MA	US	
Skorobogatiy, Maksim	Brighton	MA	US	
Johnson, Steven G.	Cambridge	MA	US	
Weisberg, Ori	Cambridge	MA	US	
Fink, Yoel	Cambridge	MA	US	
Ahmad, Rokan U.	Medford	MA	US	
Pressman, Lori	Cambridge	MA	US	
King, Wesley A.	Brighton	MA	US	
Anderson, Emilia	Cambridge	MA	US	
Joannopoulos, John D.	Belmont	MA	US	

US-CL-CURRENT: [385/125](#); [385/123](#), [65/403](#), [65/435](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 5. Document ID: US 20030026584 A1

L9: Entry 5 of 21

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030026584

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030026584 A1

TITLE: Optical fiber with nano-particle cladding

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ingman, Dov	Haifa	CA	IL	
Suhir, Ephraim	San Jose		US	

US-CL-CURRENT: [385/144](#); [385/123](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

☐ 6. Document ID: US 20020177685 A1

L9: Entry 6 of 21

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020177685

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020177685 A1

TITLE: Methods and materials for fabrication of alumoxane polymers

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cook, Ronald Lee	Lakewood	CO	US	
Barron, Andrew Ross	Houston	TX	US	
Gleason, Kevin Joseph	Lafayette	CO	US	
MacQueen, David Brent	Half Moon Bay	CA	US	
Siparsky, Georgette Laila	Denver	CO	US	
Koide, Yoshihiro	Evanston	IL	US	
Vogelson, Cullen Taylor	Arlington	TX	US	

US-CL-CURRENT: 528/271

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
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☐ 7. Document ID: US 20020170690 A1

L9: Entry 7 of 21

File: PGPB

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020170690
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020170690 A1

TITLE: Method of producing self-cleaning and non-adhesive paper or paper-like material

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Buchsel, Martin	Gernsbach		DE	
Kaussen, Manfred	Ottersweier		DE	
Schroft, Sabine	Baden-Baden		DE	

US-CL-CURRENT: 162/109, 162/117, 162/134, 162/135, 162/141, 162/146, 162/158, 162/169,
162/179, 162/181.6, 162/181.7, 162/181.8, 162/195, 428/211, 428/221

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

☐ 8. Document ID: US 20020041047 A1

L9: Entry 8 of 21

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020041047
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020041047 A1

TITLE: Process for making angstrom scale and high aspect functional platelets

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Josephy, Karl	Los Angeles	CA	US	
Rettker, James P.	Crown Point	IN	US	
Enlow, Howard H.	Munster	IN	US	

US-CL-CURRENT: 264/81; 264/130, 264/140, 264/340, 427/255.6, 427/294

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 9. Document ID: US 20020011030 A1

L9: Entry 9 of 21

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020011030

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020011030 A1

TITLE: Composite polymer blast media

PUBLICATION-DATE: January 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Williams, Raymond F.	Massillon	OH	US	
Kinsinger, Daniel L.	Canton	OH	US	

US-CL-CURRENT: 51/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWC

☐ 10. Document ID: US 20010038910 A1

L9: Entry 10 of 21

File: PGPB

Nov 8, 2001

PGPUB-DOCUMENT-NUMBER: 20010038910

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010038910 A1

TITLE: Coating having macroscopic texture and process for making same

PUBLICATION-DATE: November 8, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
MacQueen, Richard C.	Phillipsburg	NJ	US	
burcham, Loyd J.	Horsham	PA	US	
Parker, Anthony A.	Newton	PA	US	
Sciangola, Deborah A.	Glenmoore	PA	US	
Henry, Donald B.	Warminster	PA	US	
Ferguson, Donald C.	Bordentown	NJ	US	

US-CL-CURRENT: 428/327; 428/329, 428/424.6, 428/518, 522/178

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KWC

☐ 11. Document ID: US 20010031693 A1

L9: Entry 11 of 21

File: PGPB

Oct 18, 2001

PGPUB-DOCUMENT-NUMBER: 20010031693
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010031693 A1

TITLE: Catalyst and adsorption compositions having improved adhesion characteristics

PUBLICATION-DATE: October 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hoke, Jeffrey B.	North Brunswick	NJ	US	
Heck, Ronald M.	Princeton	NJ	US	

US-CL-CURRENT: 502/80; 427/402, 502/158

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
Draw Desc	Image									

☐ 12. Document ID: US 6565770 B1

L9: Entry 12 of 21

File: USPT

May 20, 2003

US-PAT-NO: 6565770
DOCUMENT-IDENTIFIER: US 6565770 B1

TITLE: Color-shifting pigments and foils with luminescent coatings

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
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☐ 13. Document ID: US 6517899 B1

L9: Entry 13 of 21

File: USPT

Feb 11, 2003

US-PAT-NO: 6517899
DOCUMENT-IDENTIFIER: US 6517899 B1

TITLE: Catalyst and adsorption compositions having adhesion characteristics

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC
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☐ 14. Document ID: US 6432526 B1

L9: Entry 14 of 21

File: USPT

Aug 13, 2002

US-PAT-NO: 6432526
DOCUMENT-IDENTIFIER: US 6432526 B1

TITLE: Nanosize metal oxide particles for producing transparent metal oxide colloids and ceramers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 15. Document ID: US 6417244 B1

L9: Entry 15 of 21

File: USPT

Jul 9, 2002

US-PAT-NO: 6417244

DOCUMENT-IDENTIFIER: US 6417244 B1

**** See image for Certificate of Correction ****

TITLE: Metal oxide compositions and methods

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 16. Document ID: US 6399670 B1

L9: Entry 16 of 21

File: USPT

Jun 4, 2002

US-PAT-NO: 6399670

DOCUMENT-IDENTIFIER: US 6399670 B1

TITLE: Coating having macroscopic texture and process for making same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 17. Document ID: US 6369183 B1

L9: Entry 17 of 21

File: USPT

Apr 9, 2002

US-PAT-NO: 6369183

DOCUMENT-IDENTIFIER: US 6369183 B1

TITLE: Methods and materials for fabrication of alumoxane polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 18. Document ID: US 6329058 B1

L9: Entry 18 of 21

File: USPT

Dec 11, 2001

US-PAT-NO: 6329058

DOCUMENT-IDENTIFIER: US 6329058 B1

**** See image for Certificate of Correction ****

TITLE: Nanosize metal oxide particles for producing transparent metal oxide colloids and ceramers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 19. Document ID: US 6291070 B1

L9: Entry 19 of 21

File: USPT

Sep 18, 2001

US-PAT-NO: 6291070

DOCUMENT-IDENTIFIER: US 6291070 B1

** See image for Certificate of Correction **

TITLE: Nanostructured moulded bodies and layers and method for producing same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 20. Document ID: US 5917279 A

L9: Entry 20 of 21

File: USPT

Jun 29, 1999

US-PAT-NO: 5917279

DOCUMENT-IDENTIFIER: US 5917279 A

TITLE: Intermediate layer in electroluminescent arrangements containing finely divided inorganic particles

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Drawn Desc	Image									

☐ 21. Document ID: WO 9813008 A1 EP 880349 A1 JP 2002515048 W

L9: Entry 21 of 21

File: DWPI

Apr 2, 1998

DERWENT-ACC-NO: 1998-230391

DERWENT-WEEK: 200266

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TITLE: Metal oxide nano-particles - with surfaces complexed with a polymerisable, bio-compatible, heterocyclic base, are useful in dental and medical restorative compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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